



# Maths

## Maths Standard Test 4

Fill in the following particulars:

Name.....

Boy or girl.....

Date of Birth .....

School .....

Class.....

Today's date.....

**Read the following carefully:**

- Do not open this booklet or begin the test until you are told to do so.
- Mark your answers on the answer sheet provided.
- Work as carefully and quickly as you can.
- If you can not do a question, go on to the next one.
- If you make a mistake rub out the mistake and write the new answer.
- You will have 50 minutes to complete the test

Q1

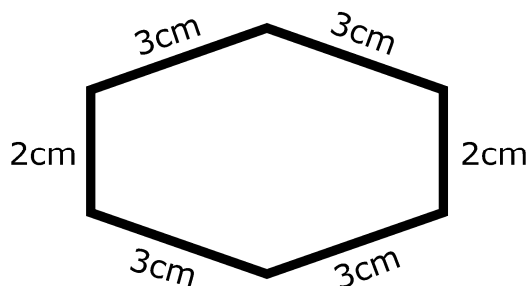
How do you write thirty-four thousand five hundred and nineteen as a number?  
Mark your answer on the answer sheet.

Q2

All 108 Year 6 students are going on a school tour. Each bus has 27 seats.  
How many buses will be needed?  
Mark your answer on the answer sheet.

Q3

Sally is designing her very own flowerbed. This is a diagram of its shape. She has used a ratio of 1cm:30cm.



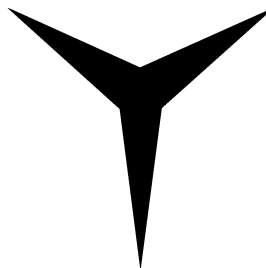
What is the perimeter of the actual flowerbed?  
Mark your answer on the answer sheet.

Q4

George wakes up at 6:00 and goes to sleep 15 hours later.  
What time does he go to sleep?  
Mark your answer on the answer sheet.

Q5

How many lines of symmetry does this shape have?  
Mark your answer on the answer sheet.



Q6

Which one of the following fractions is not equal to the others?  
( $\frac{75}{100}$ ,  $\frac{6}{10}$ ,  $\frac{6}{8}$ ,  $\frac{15}{20}$ ,  $\frac{30}{40}$ )  
Mark your answer on the answer sheet.

Q7



What type of triangle is this?  
Mark your answer on the answer sheet.

Q8

Which is the smallest?

(0.45,  $\frac{1}{2}$ , 60%,  $\frac{6}{9}$ , 1.1)

Mark your answer on the answer sheet.

Q9



If you put 7 into this function machine, what will come out?

Mark your answer on the answer sheet.

Q10

Maggie collects stickers and wants to spend all of her pocket money buying new ones. However, her mum said she can only spend one quarter of her pocket money on stickers. She is given £2.00 pocket money each week.

How much is she allowed to spend on stickers over 10 weeks?

Mark your answer on the answer sheet.

Q11

Which of the following numbers is not a square number?

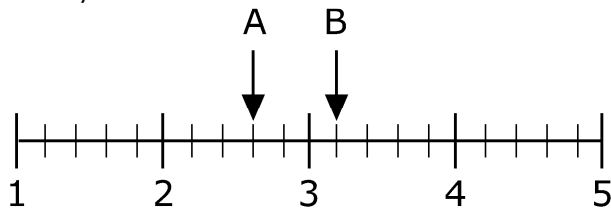
(81, 44, 36, 9, 16)

Mark your answer on the answer sheet.

Q12

What is the difference on the number line between arrow A and arrow B?

Mark your answer on the answer sheet.



Q13

Here are five digits which can be rearranged: 3 7 2 6 9

What is the largest number that can be made from these digits, using each digit only once?

Mark your answer on the answer sheet.



Q14

This table shows the number of hours that Mark spent watching television in one week.

DAY	HOURS of TV
Monday	3
Tuesday	4.5
Wednesday	4
Thursday	3.5
Friday	5

What is the mean time Mark spends watching television per day?

Mark your answer on the answer sheet.

Q15	<p>The temperature on Monday is 4° Celsius. The weather report predicts that it will drop by 10 degrees over the next 3 days.</p> <p>What will the temperature be on Thursday?</p> <p>Mark your answer on the answer sheet.</p>
Q16	<p>There are 150 seats on an aeroplane due to fly from London to New York. Only 86 tickets were sold.</p> <p>How many spare seats will there be?</p> <p>Mark your answer on the answer sheet.</p>
Q17	<p>You are a zookeeper. You are responsible for feeding the elephants. Each elephant eats 50 peanuts per day. There are 6 elephants and you need to buy enough peanuts to feed them for 1 week.</p> <p>How many peanuts must you buy?</p> <p>Mark your answer on the answer sheet.</p>
Q18	<p>Mark your answer on the answer sheet.</p> $\begin{array}{r} ? \\ 8 \overline{)864} \end{array}$
Q19	<p>Which one of the following numbers is the largest? (10.01, 9.9, 10.11, 1.99, 11.01)</p> <p>Mark your answer on the answer sheet.</p>
Q20	<p>What is 4.57 rounded off to 1 decimal place?</p> <p>Mark your answer on the answer sheet.</p>
Q21	<p>A supermarket sells a pack of six small bags of crisps for £1.80 or you can pay 40p for one bag.</p> <p>Work out the cheapest way to buy exactly 15 bags of crisps. How much will it cost you?</p> <p>Mark your answer on the answer sheet.</p> <div style="text-align: right;">  <p>a pack of six = £1.80</p>  <p>1 bag = 40p</p> </div>
Q22	<p>Michael is 8 years old now. His dad is 29.</p> <p>How old will Michael be when his dad is twice his age?</p> <p>Mark your answer on the answer sheet.</p>

Q23

What is  $\frac{3}{4}$  of 80?

Mark your answer on the answer sheet.

Q24

Which value is equal to 2.3?

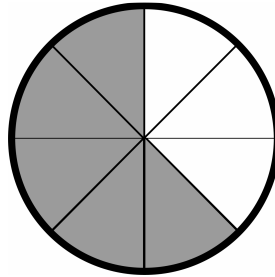
( $\frac{23}{10}$ , 23%, 2.3%,  $\frac{23}{100}$ , 200%)

Mark your answer on the answer sheet.

Q25

What fraction of this shape is shaded?

Mark your answer on the answer sheet.



Q26

Jessica's mum had prepared 30 meatballs for the family's dinner. She placed them on the table and then went to call everyone to the table. When they all sat down, they realised that only 20% of the meatballs were still there. Jessica noticed that their dog, Toto, was licking his lips and therefore must be the reason for the missing meatballs.

How many meatballs did Toto eat?

Mark your answer on the answer sheet.

Q27

Which one of the following is a prime number?

(6, 9, 11, 12, 16)

Mark your answer on the answer sheet.

Q28

Which group of numbers has two odd numbers and one even number?

Mark your answer on the answer sheet.

24, 15, 30

33, 28, 42

52, 33, 71

98, 39, 20

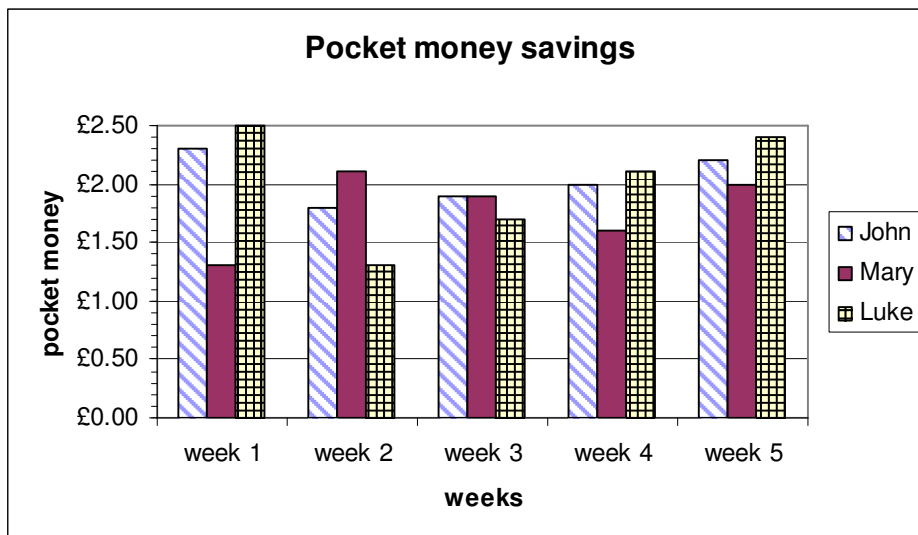
5, 14, 50

Q29

This chart shows how much of their money John, Mary and Luke save each week.

How much had John saved in total after the first 3 weeks?

Mark your answer on the answer sheet.



Q30

100, 99, 97, 94, 90, ?

Which number continues the sequence?

Mark your answer on the answer sheet.

Q31

In the Pound Store, the price of every item is only £1. If  $n$  is the number of items you buy and  $T$  is the total cost.

Which formula would you use to calculate the total amount you must pay?

Mark your answer on the answer sheet.

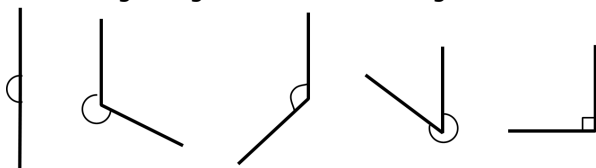
Q32

How many 90 degree angles must be added together to make a circle?

Mark your answer on the answer sheet.

Q33

Which angle is greater than 270 degrees?



A B C D E

Mark your answer on the answer sheet.

Q34

An adult train fare to London is £12.50.

What does a child's ticket cost if Jackie's mum paid a total of £36.50 for 3 children and 1 adult?

Mark your answer on the answer sheet.

Q35



A



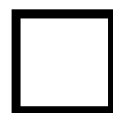
B



C



D



E

Which one of the above shapes is a HEPTAGON?

Mark your answer on the answer sheet.

Q36

If Superman weighs 90kg, Spiderman 78kg and Batman 85kg.

What is the median weight of the three super heroes?

Mark your answer on the answer sheet.

Q37

Which one of the following has the smallest value?

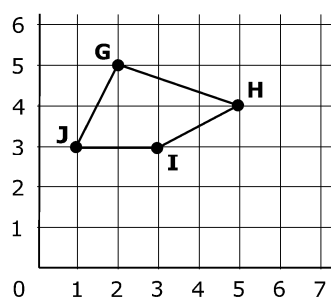
( $6 \times 7$ , double 13,  $81 \div 9$ ,  $0.1 \times 100$ ,  $14 - 6$ )

Mark your answer on the answer sheet.

Q38

What are the coordinates of G and J?

Mark your answer on the answer sheet.



Q39

Here are five worms and their lengths in centimetres.

What is the range of their lengths?

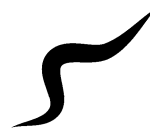
Mark your answer on the answer sheet.



8cm



12cm



9cm



15cm



7cm

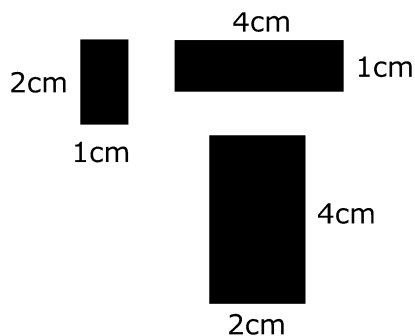
Q40

There are 50 pages in your favourite magazine. You are on page 40.

What percentage of the magazine do you still have to read?

Mark your answer on the answer sheet.

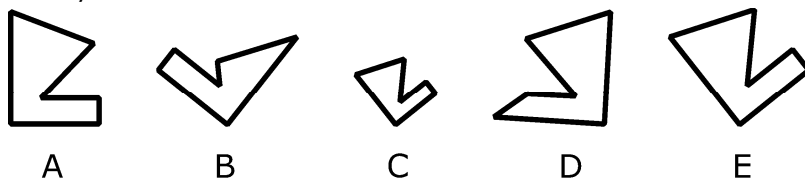
Q41



What is the total area of all three rectangles?  
Mark your answer on the answer sheet.

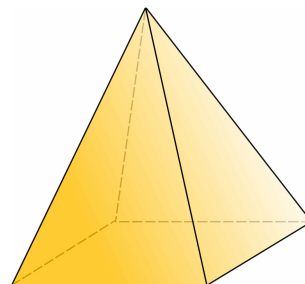
Q42

Which shapes are congruent?  
Mark your answer on the answer sheet.



Q43

How many edges does a square based pyramid have?  
Mark your answer on the answer sheet.



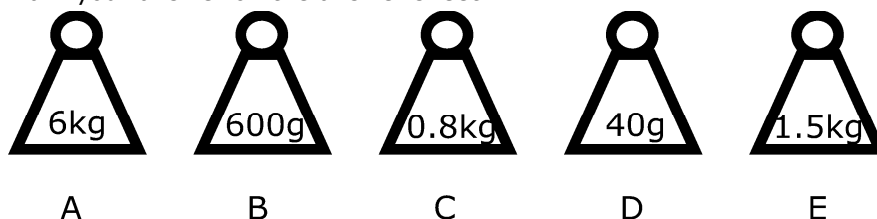
Q44

Oliver goes to sleep at 20:15. His older brother only goes to sleep at 22:00. They both wake up at 6:30 when the alarm goes off.

How many more hours sleep does Oliver get than his brother?  
Mark your answer on the answer sheet.

Q45

Which is the heaviest?  
Mark your answer on the answer sheet.

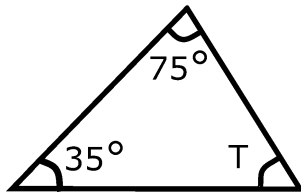


Q46

If you are facing North East (NE) and then turn around 180 degrees, what direction will you be facing?  
Mark your answer on the answer sheet.



Q47



What is the value of angle  $T$ ?  
Mark your answer on the answer sheet.

Q48

40 balloons are tied to the wall and inside the orange balloons there are prizes. There are 7 red, 14 blue, 8 orange, 5 yellow and 6 green. Paul is first blindfolded and then given a pin with which to pop one of the balloons.

What is the probability of Paul popping an orange one?  
Mark your answer on the answer sheet.

Q49

Jane wanted to find the most common eye colour in her drama class. Here is a table of her results.

How many students had brown eyes?  
Mark your answer on the answer sheet.

EYE COLOUR				
green	☀	☀	☀	▼
blue	▼	▼	▼	▼
brown	☀	▼		
hazel	☀	☀	☀	☀
<div>☀ = 5 children</div> <div>▼ = 1 child</div>				

Q50

$$72 \div 18 = ?$$

Mark your answer on the answer sheet.

# Answer Sheet

## Maths Standard Test 4

- |     |     |
|-----|-----|
| 1.  | 26. |
| 2.  | 27. |
| 3.  | 28. |
| 4.  | 29. |
| 5.  | 30. |
| 6.  | 31. |
| 7.  | 32. |
| 8.  | 33. |
| 9.  | 34. |
| 10. | 35. |
| 11. | 36. |
| 12. | 37. |
| 13. | 38. |
| 14. | 39. |
| 15. | 40. |
| 16. | 41. |
| 17. | 42. |
| 18. | 43. |
| 19. | 44. |
| 20. | 45. |
| 21. | 46. |
| 22. | 47. |
| 23. | 48. |
| 24. | 49. |
| 25. | 50. |

# Answers

## Maths Standard Test 4

Q1)	34,519	Q26)	24
Q2)	4	Q27)	11
Q3)	4.8m	Q28)	52, 33, 71
Q4)	21:00	Q29)	£6.00
Q5)	3	Q30)	85
Q6)	6/10	Q31)	$T = n \times £1$
Q7)	obtuse	Q32)	4
Q8)	0.45	Q33)	D
Q9)	6	Q34)	£8
Q10)	£5.00	Q35)	C
Q11)	44	Q36)	85kg
Q12)	0.6	Q37)	14 - 6
Q13)	97632	Q38)	G(2,5), J(1,3)
Q14)	4	Q39)	8
Q15)	-6° Celsius	Q40)	20%
Q16)	64	Q41)	14cm <sup>2</sup>
Q17)	2100	Q42)	A & E
Q18)	108	Q43)	8
Q19)	11.01	Q44)	1 hour 45 minutes
Q20)	4.6	Q45)	A (6kg)
Q21)	£4.80	Q46)	SW
Q22)	21	Q47)	70°
Q23)	60	Q48)	0.2
Q24)	23/10	Q49)	6
Q25)	5/8	Q50)	4